

1976

# Virginia Commonwealth University Graduate Program in Urban and Regional Planning Bulletin

Virginia Commonwealth University

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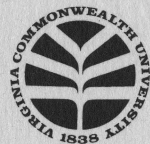
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Virginia Commonwealth University  
Richmond, Virginia

Department of Urban Studies and Planning Graduate Bulletin  
Program in Urban and Regional Planning  
1977-78



Cover by University Graphics, Department of Communication Arts and Design

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In order to be effective, graduate study is in large measure self directed. The student is therefore encouraged to be thoroughly familiar with this graduate bulletin as he enters into his program of study.

The Board of Visitors, the administration, and the faculty of Virginia Commonwealth University are committed to a policy of equal opportunity in education without regard to race, creed, sex, or national origin.

Correspondence should be addressed to: Chairman, Department of Urban Studies and Planning, Virginia Commonwealth University, 812-814 West Franklin Street, Richmond, Virginia 23284.

**VIRGINIA COMMONWEALTH UNIVERSITY BULLETIN**

**GRADUATE PROGRAM IN URBAN AND REGIONAL PLANNING**

**DEPARTMENT OF URBAN STUDIES AND PLANNING**

**SCHOOL OF COMMUNITY SERVICES**

**RICHMOND, VIRGINIA**

**VOLUME LI**

**September 1976**

**Number 7**





- Last day to drop a course with grade of "W"
- Thanksgiving holiday begins at 1 p.m.
- Thanksgiving holiday ends at 1 p.m.

## December

- Last day to submit an application for admission or readmission to a degree program for spring semester
- Last day of day classes for fall semester
- Final examinations for fall semester day classes
- Graduate Record examination
- Final examinations for fall semester, Evening College
- Final date for oral defense of graduate theses for December completion of degrees
- All fall semester grades due in registrar's office by 9 a.m.
- Conferral of degrees for December graduates

## SPRING SEMESTER

### January

- Christmas vacation ends at 8 a.m.
- Evening College registration
- Advising and registration for readmission, continuation, and new students
- Registration for new students

## 1976-1977 GRADUATE CALENDAR

### FALL SEMESTER

- Class begin at 8 a.m.
- Last day for registration and add/drop
- Last day for graduate students to submit all required materials for admission to a degree program for fall semester
- General faculty meeting at 10:30 a.m.
- Evening College registration
- Advising and registration for continuing students
- Classes begin at 8 a.m.
- Add/drop and late registration for continuing students
- Labor Day

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## **1976-1977 GRADUATE CALENDAR**

### **FALL SEMESTER**

#### **August**

- 1 — Last day for graduate students to submit all required transcripts etc., for admission to a degree program for fall semester
- 24 — General faculty meeting at 10:30 a.m.
- 24-25 — Evening College registration
- 24-26 — Advising and registration for continuing, readmitted, and new students
- 30 — Classes begin at 8 a.m.
- 30-Sept. 3 — Add/drop and late registration for all students

#### **September**

- 6 — Labor Day
- 24 — Last day for fall degree candidates to submit graduation applications to advisors for December degrees

#### **October**

- 16 — Graduation Record Examination

#### **November**

- 1 — Advance registration, Evening College
- 1-12 — Advising and advance registration for continuing students for spring semester

13  
24  
28

- Last day to drop a course with grade of "W"
- Thanksgiving holiday begins at 1 p.m.
- Thanksgiving holiday ends at 1 p.m.

December  
1

8  
9-17  
11  
13-19  
17  
21  
25

- Last day to submit an application for admission or readmission to a degree program for spring semester
- Last day of day classes for fall semester
- Final examinations for fall semester day classes
- Graduate Record Examination
- Final examinations for fall semester, Evening College
- Final date for oral defense of graduate theses for December completion of degrees
- All fall semester grades due in registrar's office by 9 a.m.
- Conferral of degrees for December graduates

## SPRING SEMESTER

January

3  
4-5  
4-6  
7  
8  
10  
10-14  
21

- Christmas vacation ends at 8 a.m.
- Evening College registration
- Advising and registration for continuing, readmitted, and new students
- Registration for non-degree seeking day students
- Graduate Record Examination
- Classes begin at 8 a.m.
- Add/drop and late registration for all students
- Last day for spring degree candidates to submit graduation applications to advisors for May degrees

February

26

- Graduate Record Examination

March

5  
7  
14  
28-Apr. 8

- Spring vacation begins at 12 noon
- Summer advance registration begins
- Spring vacation ends at 1 p.m.
- Advising and registration and continuing students for fall semester

April

9  
23  
30

- Last day to drop a course with grade of "W"
- Graduate Record Examination
- Last day of day classes for spring semester

May

2-8  
2-10  
10  
12

- Evening College examinations
- Final examinations for spring semester day classes
- Final date for oral defense of graduate theses for May graduation
- All spring semester grades due in registrar's office by 9 a.m.

- 14 — Commencement
- June**
- 11 — Graduation Record Examination
- July**
- 8 — Last day for summer degree candidates to submit graduation applications to advisors for August degrees
- August**
- 19 — Final date for oral defense of graduate theses for August completion of degrees
- 27 — Conferral of degrees for August graduates

## 1977-1978 GRADUATE CALENDAR

### FALL SEMESTER

- July**
- 29 — Last day for graduate students to submit all required transcripts, etc., for admission to a degree program for fall semester
- August**
- 22-25 — Advising and registration for continuing, readmitted, and new students
- 23 — General faculty meeting at 9 a.m.
- 23-24 — Evening College registration
- 27 — Conferral of degrees for August graduates
- 29 — Classes begin at 8 a.m.
- 29-Sept. 2 — Add/drop and late registration for all students
- September**
- 5 — Labor Day
- 23 — Last day for fall degree candidates to submit graduation applications to advisors for December degrees
- October**
- 31 — Advance registration, Evening College
- 31-Nov. 11 — Advising and advance registration for continuing students spring semester
- 18 — Last day to drop a course with grade of "W"
- 23 — Thanksgiving holiday begins at 5 p.m.
- 28 — Thanksgiving holiday ends at 8 a.m.
- 28 — Last day to submit an application for admission or readmission to a degree program for spring semester
- December**
- 2 — Last day of day classes for fall semester

- 10-18 — Final examinations for fall semester day classes
- 16 — Final date for oral defense of graduate theses for December completion of degrees
- 17 — Christmas vacation begins at 12 noon except for Sunday classes
- 20 — All fall semester grades due in registrar's office by 9 a.m.
- 31 — Conferral of degrees for December graduates

## SPRING SEMESTER

### January

- 3-4 — Evening College registration
- 3-5 — Advising and registration for continuing, readmitted, and new students
- 6 — Registration for non-degree seeking day students
- 9 — Classes begin at 8 a.m.
- 9-13 — Add/drop and late registration for all students
- 20 — Last day for spring degree candidates to submit graduation applications to advisors for May degrees

### March

- 4 — Spring vacation begins at 12 noon
- 6 — Summer advance registration begins
- 12 — Spring vacation ends at 8 a.m. except for Sunday classes
- 27-Apr. 7 — Advising and registration for continuing students for fall semester

### April

- 7 — Last day to drop a course with grade of "W"
- 28 — Last day of classes for spring semester
- 29-May 7 — Final examinations for spring semester day classes

### May

- 9 — All spring semester grades due in registrar's office by 9 a.m.
- 13 — Commencement



## GENERAL INFORMATION

### HISTORY OF VIRGINIA COMMONWEALTH UNIVERSITY

Virginia Commonwealth University was created on July 1, 1968, by act of the General Assembly of Virginia by merging the Medical College of Virginia and Richmond Professional Institute.

The Medical College of Virginia (MCV) began in 1838 as the medical department of Hampden-Sydney College. Richmond Professional Institute (RPI) began in 1917 as the Richmond School of Social Work and Public Health. In 1925 it became a division of the College of William and Mary, and 14 years later its name was changed to Richmond Professional Institute of the College of William and Mary. In 1953 RPI was elected to full membership and accredited in its own name by the Southern Association of Colleges and Schools. In 1962 it was separated from the College of William and Mary by an act of the General Assembly, maintaining independent status until 1968. When RPI and MCV were merged to form Virginia Commonwealth University, RPI became the nucleus for what is known today as the Academic Campus.

At that time, the university was charged by the General Assembly to be an urban-oriented university responsive to the needs of a rapidly urbanizing state, a somewhat unique role when compared with other institutions of higher education in the state.

The graduate program in urban and regional planning, offered by the School of Community Services on VCU's Academic Campus, seeks to prepare individuals for public service and to be responsive to the human needs of society in order to help fulfill this urban mission.



## PURPOSES AND OBJECTIVES OF THE UNIVERSITY

### PURPOSES

Virginia Commonwealth University shall endeavor to provide an educational environment nurturing and stimulating teaching, research, and service. Sensitive to the needs of urban life in the Commonwealth, it will strive to promote the pursuit of knowledge and the dissemination of professional skills.

### OBJECTIVES

To identify and anticipate urban problems, to advance experimentation and open-ended attitudes in their solution through appropriate research, and to develop the university as a planning and resource center for urban living.

To commit itself to creative and varied programs of teaching, research, and consultation, contributing to the improvement of the quality of life within urban communities.

To promote and develop programs of continuing and graduate education relevant to contemporary society.

To provide an educational climate which will stimulate in the student a lifelong commitment to learning and service, which will develop competence and motivation to work toward the realization of individual and community potentials, and which will set for the student an example of excellence.

To develop and maintain an environment of educational excellence which will attract and motivate faculty to pursue their work in accordance with highest educational standards.

To recognize the imaginative power of the arts and humanities in reflecting the problems and aspirations of society and of the human condition; to acknowledge the role of the arts in changing behavior; and to provide opportunities throughout the university and the Commonwealth to maximize their relevance, both individually in the self-realization of the student, and publicly, in exhibition and performance.

To complement existing institutions of higher learning by providing programs of a uniquely urban character, thus enhancing the educational opportunities of the Commonwealth.

## GRADUATE DEGREES

Graduate programs of study on the Academic Campus lead to the following degrees: Master of Administration of Justice, Master of Arts, Master of Art Education, Master of Business Administration, Master of Education, Master of Fine Arts, Master of Music, Master of Music Education, Master of Public Administration, Master of Science, Master of Social Work, Master of Urban and Regional Planning, and Doctor of Philosophy.

## ACCREDITATION

Virginia Commonwealth University is a member of and is accredited by the Southern Association of Colleges and Schools, the general accrediting agency for colleges in this region.

## LIBRARIES AND THEIR RESOURCES

The Virginia Commonwealth University Libraries consist of the James Branch Cabell Library on the Academic Campus and the Tompkins-McCaw Library on the MCV Campus. Both libraries have expanded space and services through major construction projects and provide a combined capacity of 1,360,000 volumes and seating for over 2,450. The university libraries are partial depositories for United States government documents.

The James Branch Cabell Library is open from 7:30 a.m. to midnight five days of the week with shorter hours on the two remaining days. Other features such as a recorded music and plays collection, assistance in film production, book and coat lockers for commuting students, inexpensive and easy-to-use duplicating machines, group and private study areas, and typewriter facilities make the James Branch Cabell Library more than just a repository for books, but a resource center serving the needs of the student body.

Of particular note is the reference service of the James Branch Cabell Library. Staff members welcome and encourage students to ask those perplexing questions about the difficult-to-find materials which may be needed to complete an assignment or research paper successfully.

The Tompkins-McCaw Library contains health science material. Complete sets of all major indexes in these fields are part of the reference collection. Trained search analysts are available to help students obtain computer-produced bibliographies on specific biomedical and health-related topics.

## COMPUTER FACILITIES

VCU is well equipped with computer facilities and supporting personnel. The core of the system is an IBM 370 158 computer which is connected to a number of user terminals throughout the campus.

## GRADUATE FEES

It is expected that students shall pay all applicable fees enumerated in this section prior to registration for each semester.

### INSTRUCTIONAL FEES FOR ACADEMIC YEAR\*

Full-time Graduate Students:	
Virginia residents, per year .....	\$720
Non-residents, per year .....	\$1,030

Part-time Graduate Students:	
Virginia residents.....	\$40 per credit hour**
Non-residents .....	\$58 per credit hour**

The tuition shown is for the academic year 1976-77. Educational cost are subject to similar price adjustments found in the costs of other commodities; therefore, fees may be changed for the academic year 1977-78.

The law affecting residence in Virginia is as follow:

"No person shall be entitled to the admission privileges, or the reduced tuition charges, or any other privileges accorded only to domiciliaries, residents or citizens."

\*Subject to change.

\*\* This fee applies to all courses taken for graduate credit.

zens of Virginia, in the state institutions of higher learning unless such person is and has been domiciled in Virginia for a period of at least one year prior to the commencement of the term, semester or quarter for which any such privilege or reduced tuition charge is sought, provided that the governing board of such institutions may set up additional requirements for admitting students." VCU has no additional requirements for Virginia residency.

### OTHER FEES

**Application Fee:** All students shall pay a non-refundable application fee of \$10 upon application for admission. The check should be made payable to Virginia Commonwealth University.

**Graduate Student Activities Fee:** \$4.50 per semester, for full-time students only.

**Graduate Student Athletics Fee:** \$6 per semester, for full-time students only.

**Diploma Fee:** A fee of \$16 is charged all candidates for the master's degree who expect to receive the graduate diploma. The graduate student pays this fee and files an approved degree application with the Office of the University Registrar early in the semester in which he intends to graduate. The dates for filing are listed in the University Calendar in the front of this publication.

### REFUNDS AND REBATES

A full-or part-time day student who withdraws in good standing shall be entitled to a refund of a portion of his tuition, room, and board fees for the semester in which he is currently enrolled. All other fees are non-refundable.

**Request for Refund:** A request for a refund shall be made in writing to the dean of student services before said request can be considered. The following policy governs the refund of room, board, and tuition fees:

1. A student who fails to register or is denied permission to register will be entitled to a full refund of tuition, room, and board if paid in advance.
2. A student entering involuntary military service of the United States will be granted a refund on a prorated basis.
3. A student will be entitled to a refund of 80 percent of his room, board, and tuition fees upon withdrawal before the end of the first week of the term (seven consecutive calendar days from the first day of classes) and a decrease of 20 percent each week thereafter up to and including the fourth calendar week. NO AMOUNT WILL BE REFUNDED FOR WITHDRAWAL AFTER THE FOURTH CONSECUTIVE CALENDAR WEEK OF THE TERM.

The actual date of withdrawal will be certified by the Office of the Dean of Student Life; and refund, when appropriate will be computed based on that certified date.

### DELINQUENT ACCOUNTS

The university will not issue a degree, transcript of grades, or grade reports to any student who has not paid all charges in full. Students whose accounts are not paid in full may not be admitted to final examinations at the end of semesters.

A waiver is placed on accounts that reflect a balance that is supported by a scholarship authorization on file in the Office of Student Accounts.

### **DISHONORED CHECKS**

A student, parent, or guardian who presents a check for payment of tuition and fees to Virginia Commonwealth University, and has the check returned for any reason by the bank as an uncollected item, will have 10 calendar days from the date of notification by the Office of Student Accounts to clear the check. If not cleared within this period, the student will be automatically suspended and may not attend classes until he has been officially reinstated by the Business Office. A charge of \$5 will be levied against the maker of all dishonored checks with the exception of those for tuition. A \$10 fee will be levied against the maker of a dishonored check for tuition.

After two weeks from the date of suspension, a student suspended because of a dishonored check may not be reinstated for the semester. Applications for reinstatement are to be made at the Office of the University Registrar.

### **PAYMENT OF FEES**

A student who fails to meet payments when due will be automatically suspended and may not attend classes until he has been officially reinstated and has paid all accrued fees, plus a \$10 late payment charge. After two weeks from the date of suspension, a student suspended for failure to meet payments when due may not be reinstated for the semester. Applications for reinstatement are to be made at the Office of the University Registrar.

### **INSTALLMENT PAYMENT OF FEES**

The university does not offer a financial aid plan for direct payment of semester charges on an installment basis. For those parents who wish to pay college costs in installments, the university recommends application to The Tuition Plan, Inc., or your local bank. The plan makes money available only for those expenses for which a student is billed by the university.

A descriptive brochure on the plan may be secured from The Tuition Plan, Concord, New Hampshire 03301.

### **HEALTH INSURANCE**

The university offers to students approved insurance providing substantial benefits at group rates. The insurance extends for a 12-month period beginning September 1 and includes coverage for accidents; and hospital, medical, surgical, and other benefits for illnesses. Married students may enroll their spouse and children. The fee runs between \$35 and \$50 for an academic year, depending on the amount of coverage desired. The insurance is written through North American Assurance Society.

### **HEALTH SERVICE**

The University Health Service is available to all students in emergencies, and full health service is available to all who pay the Health Service fee of \$26 a semester, as of the 1976-1977 academic year. The health service maintains an infirmary with 24-hour nursing care, provides doctors' office hours each morning, and utilizes an excellent referral system to the medical community. A combination of the insurance and the health service protects one from the possibility of unexpected medical bills during the period of graduate study.

Also, low cost dental care can be obtained through the School of Denistry on the Medical College of Virginia Campus.

## HOUSING

Due to the shortage of campus housing there is virtually no housing for graduate students provided by the university, except for foreign students. Many students rent rooms and apartments in the Fan, the residential area in which the university is located. Students with automobiles may avail themselves of a wider variety of housing in the Richmond area.

The university housing office, at 915 West Franklin Street, compiles lists of off-campus housing, including less expensive rooms. The classified sections of the Richmond papers are also helpful in locating housing. It is wise to seek housing early, at least one month before classes begin, especially if one intends to live in the Fan.

## LIMITATION ON CATALOG PROVISIONS

All rules and regulations set forth in this bulletin, as well as the statements regarding fees, will apply until further notice. The right is reserved to make changes in course of study, in fees, and in rules and regulations governing the conduct of the work in all schools and programs, in the faculty and staff, and in the classification of students whenever university authorities deem it expedient or wise to do so.

## SCHOOL OF COMMUNITY SERVICES

### MASTER'S DEGREE IN URBAN AND REGIONAL PLANNING

#### THE SETTING

The location of the university in Richmond is advantageous for the urban and regional planning program. Richmond is the capital of Virginia and has long been a center of state governmental agencies concerned with planning, transportation, health, etc. Furthermore, there are many local governmental agencies in the metropolitan area of Richmond (population 275,000) and extending to the south (population 1,250,000). The department works with these agencies on a variety of projects and in the internship program. A number of these agencies serve as advisors, professors, and guest lecturers.



## **SCHOOL OF COMMUNITY SERVICES**

In 1969, a year after the creation of Virginia Commonwealth University, the School of Community Services was established to bring together undergraduate and graduate programs preparing individuals for selected fields of public service. As such, the objective of the school is to produce a broadly educated person imbued with a sense of social responsibility and prepared through study, research, and field experience to perform competently, both as a citizen and as a professional, providing human services in a complex urban environment. The school offers four four-year curricula leading to Bachelor of Science degrees in the fields of administration of justice and public safety, recreation, rehabilitation services, and urban studies. Graduate study leading to a master's degree is available in rehabilitation counseling, administration of justice, and urban and regional planning.

### **MASTER'S DEGREE IN URBAN AND REGIONAL PLANNING**

#### **THE SETTING**

The location of the university in Richmond is advantageous for the graduate program in planning. Richmond is the capital of Virginia and thus hosts the state governmental agencies concerned with planning, transportation, recreation, health, etc. Furthermore, there are many local governmental agencies in the metropolitan areas of Richmond (population 575,000) and Petersburg to the south (population 125,000). The department works with these agencies both in class projects and in the internship program. A number of officials in these agencies serve as adjunct professors and guest lecturers.

Since Richmond is just two hours south of Washington, D.C., the agencies of the federal government, the Library of Congress, etc., are readily accessible.

## PROGRAM

The graduate program in urban and regional planning seeks to provide rigorous professional grounding in the theory and methodologies of planning through a curriculum that balances classroom and field experience.

The Master in Urban and Regional Planning (MURP) is a two-year degree program requiring 48 semester hours of classwork and 6 hours of internship. A core of required courses, most of which are taken in the first year, includes:

- Introduction to Urban and Regional Planning
- Planning Methods I: Planning Information Systems and Research Design
- Planning Methods II: Plan Formulation and Implementation Strategies
- Principles of Urban Design
- Legal and Legislative Foundations of Planning
- Techniques of Mapping and Cartographic Analysis
- Planning Studio

Students may choose a broad program in comprehensive planning, or may elect one of the several specialized areas of study. These areas include:

- Land Use and Environmental Planning
- Urban and Regional Economic Development
- Community Services Planning
- Health Planning.

The emphasis in Land Use and Environmental Planning is on problems at the interface between social systems and the physical environment. It is expected that students specializing in this sequence will graduate with knowledge and skills necessary to prepare land use plans, taking into account the social and economic issues of community development as well as the constraints imposed by the physical environment. This specialization provides exposure to at least one functional aspect of physical planning, such as housing, physical environment, recreation, or transportation.

The specialization in Urban and Regional Economic Development is oriented toward students interested in careers ranging from regional and community economic development and human resources planning to fiscal analysis and research planning for metropolitan planning agencies. The focus is on urban and regional economic theory, economic analysis, and formulation of strategies and programs for local economic development.

Students desiring to serve as human services planners at the community level may specialize in Community Services Planning. This specialization combines planning techniques, law, and politics with studies in community needs and delivery systems in such areas as manpower training, health, and corrections.



The specialization in Health Planning has been developed in cooperation with the Department of Hospital and Health Administration in the School of Allied Health Professions. Students may earn the Master in Urban and Regional Planning degree with intensive training in health care resources and planning techniques as preparation for careers with health planning agencies.

### **PART-TIME STUDENTS**

Because virtually all courses may be taken in the evening, the program accommodates both full- and part-time students. Students may also take advantage of courses offered in the summer. Thus, it is possible for a part-time student taking six credit hours per semester to finish the master's degree in four years or less.

### **SPECIAL STUDENTS**

Special students—those not formally admitted to the program—may enroll in courses numbered in the "500's" without permission. Certain other courses may be open to special students with the consent of the instructor. Upon acceptance to the program, up to 15 hours of graduate credits accrued with a grade of "B" as a special student at Virginia Commonwealth University may be applied to the degree upon recommendation of the Admissions Committee.

### **INTERNSHIP AND PLACEMENT**

The internship is designed to give the student practical experience in planning related activities in an institutional context. Normally, the internship is taken during the summer between the first and second year, although other options are available. (Students who are already employed in planning positions may use that experience to satisfy the internship requirement.) Permission is necessary from the chairman before the internship is begun. A short paper summarizing the experience should be submitted after the internship has been completed.

There are many opportunities for internship positions, as well as part- and full-time jobs in planning at all levels of government within the Richmond area. Agencies in which students have found employment include the planning departments of the City of Richmond; the Richmond Regional Planning District Commission; the Crater Planning District Commission; and the counties of Henrico, Chesterfield, Goochland, and Prince George. Students have also been employed in state agencies such as the Division of Planning and Community Affairs, the Water Control Board, and the Council on the Environment.

### **RESEARCH AND RELATED ACTIVITIES**

The faculty conducts research on a variety of topics spanning problems at the state and local level within Virginia as well as at both the national and international levels.

Current research of faculty concerning state problems includes an analysis of the demand for recreational facilities in the city of Richmond, a land use model of the Richmond metropolitan area, a political study of the Richmond annexation case, and a county-level coastal zone management and regional economic development project. Research of national and international scope includes an analysis of the causes and effects of metropolitan segregation in the U.S., a study of consumer bankruptcy, and studies of the migration of foreign workers in Europe, industrial locations in Mexico and Brazil, and urban labor absorption in Brazil. Also underway is a project on alternative futures.

For the immediate future, a Center for Public Affairs is being established within the School of Community Services to undertake research and consulting projects with state and local governments. The center will increase the involvement of faculty and students in planning related activities in the local area.

## CURRICULUM

### I. First Year, First Semester

	Hours
URP 531 Introduction to Urban and Regional Planning .....	3
URP 651 Legal and Legislative Foundations of Planning .....	3
URP 671 Planning Methods I Planning Information Systems and Research Design .....	4
URP 514 Techniques of Mapping and Cartographic Analysis .....	2

### II. First Year, Second Semester

URP 532 Problems in Urban and Regional Planning .....	3
URP 661 Principles of Urban Design* .....	3
URP 672 Planning Methods II Plan Formulation and Implementation Strategies .....	4
Electives .....	2-3

### III. Internship

URP 701 (Normally taken between the first and second year of work but other options are available). .....	6
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### IV. Second Year

URP 791-792 Planning Studio .....	6
Electives** .....	17-18

Total hours.....54

## OPTIONAL SPECIALTIES

The courses in the optional specialties are taken as electives in the regular curriculum. Thus, a student wishing to specialize would devote most of his first year to required courses, while most of the second year would be devoted to his specialty.

### LAND USE AND ENVIRONMENTAL PLANNING

Required Courses	Hours
URP 633 Urbanization and Land Use Policy .....	3

\* Students who select the Land Use and Environmental Planning Option will substitute URP 741 Environmental Management Planning I and take URP 661 Principles of Urban Design, in the second year.

\*\*Students who select one of the options will take courses as outlined in the Curriculum statement for the respective option.

URP 741 Environmental Management  
Planning I.....

Plus at least three of the following courses.....

- URP 652 Legal and Legislative Foundations of Planning II  
URP 721 Recreation Systems Planning I  
URP 732 Metropolitan Circulations Systems  
URP 742 Environmental Management Planning II  
URP 745 Dynamics and Issues in Housing  
BUS 627 Urban Land Development

Total .....

Recommended Electives (see catalogue for courses given in alternate years).....

- URP 571 Introduction to the Study of the Future  
URP 641 Social Change and Community Planning  
URP 682 An Economic Approach to Environmental Issues  
URP 722 Recreation Systems Planning II  
URP 731 Economic Development Planning  
URP 746 Housing Development Planning  
URP 782 New Towns Planning  
URP 797 Directed Research  
URP 798 Thesis or Project

### COMMUNITY SERVICES PLANNING

#### Required Courses

- URP 641 Social Change and Community Planning.....  
URP 536 Urban Poverty Law.....  
URP 511 Urban Public Policy Making Processes  
or.....  
URP 512 Metropolitan and Regional Public Management

Plus any two of the following courses (see catalogue for courses given in alternate years).....

- URP 571 Introduction to the Study of the Future  
URP 721 Recreation Systems Planning I  
URP 722 Recreation Systems Planning II  
URP 731 Economic Development Planning  
URP 745 Dynamics and Issues in Housing  
RCO 525 Introduction to Rehabilitation  
RCO 607 Community Resources  
AJP 612 Public Safety: Policy Issues in Administration of Justice  
AJP 655 Public Safety: Planning Politics of Community  
Based Corrections  
SLW 540 Social Policy and Aging  
HHA 614 Health and Hospital Planning

Total .....

### URBAN AND REGIONAL ECONOMIC DEVELOPMENT

#### Required Courses

- URP 633 Urbanization and Land Use Policy.....  
URP 731 Economic Development Planning.....  
URP 511 Urban Public Policy Making Processes or  
URP 512 Metropolitan and Regional  
Public Management.....  
PAD 605 Economics of the Public Sector  
or ECO 616 Advanced Public Finance.....

Plus any one of the following: (see catalogue for courses given in alternate years).....3

URP 522	Programming and Budgeting	
URP 536	Urban Poverty Law	
URP 682	An Economic Approach to Environmental Issues	
ECO 532	Manpower Economics	
ECO 611	Concepts of Economics	
ECO 616	Advanced Public Finance (if not taken as a requirement)	
PAD 605	Economics of the Public Sector (If not taken as a requirement)	

Total .....15

### HEALTH PLANNING

Required courses	Hours
HHA 602 Health Care Organization and Services .....	4
HHA 614 Health and Hospital Planning .....	4
HHA 616 Seminar in Applied Health Planning .....	3
HHA 604 Health Economics (3 hrs) or HHA 662 Health Care and the Political Process (2 hours) .....	2 or 3
Total .....	13 or 14

### ADMISSION POLICY

Beyond the general admissions standards set forth above, specific admission requirements for the graduate program in urban and regional planning are that students have a minimum of a 2.7 grade average (on a 4.0 scale) in their last 60 semester hours of undergraduate work. In addition, a grade point average of not less than 3.0 must have been maintained in their undergraduate majors.

Students not meeting these requirements may be admitted to the program on a probationary basis. The probationary period shall consist of the first 12 hours of graduate work in which all grades must be no less than a "B."

### REQUIREMENTS AND PROCEDURES FOR ADMISSION:

1. The applicant is required to make application on approved application form.
2. Three letters of reference from those persons qualified to give information concerning the applicant's promise of success in graduate study are required, on official reference forms.
3. One copy of the official transcript with the school seal affixed from the registrar, not the applicant, of all colleges or universities attended must be submitted.
4. The applicant must submit a letter stating reasons for wanting to enter graduate study in urban and regional planning at Virginia Commonwealth University.
5. A non refundable application fee of \$10 in the form of check or money order, payable to Virginia Commonwealth University, must be submitted.

6. Applicant must submit the results of the Graduate Record Examination. Application forms for the examination are available through this department upon request, or may be obtained from:

Graduate Record Examination

Educational Testing Service, Box 955

Princeton, New Jersey 08540

**Note:** There are specific deadlines for registration for the examination.

7. The latest dates for submitting application materials are August 1 to be considered for the following September, and December 1 for the following January. However, all candidates—especially those applying for financial aid—are urged to apply before March 1 in order to have the best chance of being accepted or receiving an award of financial assistance for the following academic year. Applicants who submit materials by March 1 will be notified of the decision of the Admissions Committee by mid April.

8. Send all application materials to:

Chairman

Department of Urban Studies and Planning

Virginia Commonwealth University

812-814 West Franklin Street

Richmond, Virginia 23284

**Note:** Students who have completed graduate work in other graduate departments, whether at Virginia Commonwealth University or another university, will be limited to a transfer of no more than 12 credit hours work if such work is considered relevant by the program Admissions Committee.

## FOREIGN STUDENTS

Foreign students are encouraged to apply to the planning program. Several members of the faculty have experience in countries other than the United States.

The university has a foreign student advisor who meets with all foreign students after their arrival, counsels and advises them in their adjustment to the university, and prepares the necessary government forms needed by foreign nationals to maintain correct visa status with the U.S. government. The university is usually able to provide housing for foreign students.

In order for the university to qualify with the United States government as a place for training for international students and visitors, the university is obligated to determine: (a) that applicants have the necessary ability and educational backgrounds to benefit from their experiences at this institution; (b) that their proficiency in English is sufficient to carry a full program of study or training as this institution and community have no resources for teaching English as a second language; and (c) that they have all the funds necessary for their expenses for the entire period of their stay without resorting to employment while in the United States. The special application forms for foreign students should be requested from the department.



## FINANCIAL AID

The university administers a Financial Aid Office which offers financial assistance to deserving and qualified students when possible. Aid to graduate students is offered in the form of National Defense Student Loans and the work study program. However, most of their funds are given to undergraduate students, so the prospects for financial aid for graduate applicants are not good. In strong cases of financial need, information and applications for financial aid may be obtained by writing the Financial Aid Office, Virginia Commonwealth University, 915 West Franklin Street, Richmond, Virginia 23284

One form of financial aid is a loan from the Guaranteed Student Loan Plan. Virginia and most other states sponsor loans under this program. The major benefit of the loans is that the interest which accrues prior to the repayment period of the loan is paid by the United States government on behalf of the borrower. In Virginia the terms of the loan are: (1) a maximum of \$2,000 per year, (2) an aggregate limit on all loans of \$10,000, (3) an interest rate of 7 percent, and (4) no repayment necessary until nine months after graduation. Applications are available from and submitted to participating banks, not VCU. Usually the banks require that you have had an account with them for a period of time before applying for the loan. Therefore, non-Richmond residents should apply for these loans in their home town before coming to Richmond. For more information regarding this program and for a list of participating lending institutions in the student's area contact: State Education Assistance Authority, 1116 United Virginia Bank Building, Richmond, Virginia 23219.

Students who are eligible for veterans benefits should contact the Veterans Coordinator, 901 West Franklin Street, Richmond, Virginia 23284, Telephone (804) 770-7238.

There is a limited amount of financial aid provided by the Department of Urban Studies and Planning. Application forms are available from the department for the following forms of aid:

1. **Teaching Assistant Positions.** Duties involve helping in the instruction of undergraduate courses in the Departments of Urban Studies and Planning and Recreation. The level of support varies according to the work level, financial need, and scholarship.
2. **Tuition Scholarships.** There are a limited number of tuition scholarships for full-time students.
3. **Research Assistant Positions.** Support for these positions include tuition and a living allowance. The number of positions depends upon the level of sponsored research carried out by the department in each year.
4. **Department Assistant.** There are funds available for work in the office of the Department of Urban Studies and Planning. Duties include running errands, typing, filing, and helping with department projects. The pay is by the hour, from 10 to 20 hours a week.
5. **The Kathryn A. Rhoades Memorial Scholarship.** This scholarship was established by the friends and colleagues of Kathryn Rhoades, who served as secretary to the Department of Urban Studies and Planning between 1972 and 1975. Ms. Rhoades' dedicated service was instrumental in the early formation of the planning program. She is remembered as a helpful friend by the students of the program who have helped make this scholarship possible.

## POLICIES FOR GRADUATE STUDIES

1. Degree recipients must have received an overall grade point average of 3.0 ("B") in order to graduate from the program.
2. A student who receives a grade of "C" or below for more than six hours of credit will automatically be dropped from the program.
3. Full-time graduate status shall consist of a minimum of nine and a maximum of 16 credits per semester. A maximum of 12 semester credits may be earned in summer sessions each summer.
4. A grade of "Incomplete" presupposes that the student is doing passing work on the completed portion of the course, but is unable to meet all the requirements of the course by the end of the term. A grade of "Incomplete" should not be given without an understanding between the instructor and the student. The maximum time limit for the removal of an "Incomplete" for a course other than the thesis is the end of the semester following the semester (or summer session) in which the "Incomplete" was incurred. At the end of the succeeding semester, an unremoved grade of "Incomplete" automatically is changed to a grade of "F." Exceptions to this procedure must be approved by the school or department chairman upon recommendation of the instructor prior to the time limit and a statement filed with the registrar. An "Incomplete" on the thesis must, of course, be removed within the time allowed for the completion of the degree.

The grade of "Progress" may be used only in courses designated by the Committee on Instruction of the Academic Campus. "PR" is assigned as an interim grade for courses which are not completed at the time final grades are to be submitted. A grade of "PR" will not be included in the calculation of the grade point average (GPA).

5. A minimum of at least half of the courses required in the student's program shall be those designated as exclusively for graduate students; that is, those at the 600 level or above.
6. Although approval is normally granted, students must acquire the approval of their advisor before enrolling for any unspecified elective.



## COURSE DESCRIPTIONS

### FIRST YEAR REQUIRED COURSES

**URP 514 Techniques of Mapping and Cartographic Analysis** Semester course; 1 lecture and 2 laboratory hours. 2 credits. Prerequisite: consent of instructor. Methods of map compilation, map design, geographic base files, and computer cartography in urban planning.

**URP 531 Introduction to Urban and Regional Planning** Semester course; 3 hours. 3 credits. Introduction to the history, concepts, and activities of urban planning and their relationship to the ethics and responsibilities of planners.

**URP 532 Problems in Urban and Regional Planning** Semester course; 3 hours. 3 credits. Regional planning concepts. Trends in urbanization and the planning responses.

**URP 651 Legal and Legislative Foundations of Planning I** Semester course; 3 hours. 3 credits. Delineates the legal and legislative basis for planning at local, state, and federal levels. Judicial precedents in land use controls are investigated, including private controls, traditional zoning, administration of zoning ordinances, new flexible zoning concepts, development timing and growth controls, exclusionary land use practices, subdivisions controls, and eminent domain.

**URP 661 Principles of Urban Design** Semester course; 3 hours. 3 credits. Principles of urban design at the micro-and macro-scale. Expression of planning objectives in physical design, with emphasis on the relationship between urban design at various scales and the needs of individuals and groups.

**URP 671 Planning Methods I: Planning Information Systems and Research Design** Semester course; 4 hours. 4 credits. Research methods applied to problems of planning and public policy. Statistical analysis through multiple regression. Introduction to data sources and methods of survey research. Introduction to data processing and the use of statistical packages for the computer.

**URP 672 Planning Methods II: Plan Formulation and Implementation Strategies** Semester course; 4 hours. 4 credits. Prerequisite: URP 671. Emphasizes policy analysis, statements, and presentation of policy alternatives; development of strategies to intervene in problem situations; elements of plan formulation; techniques and tools for plan implementation; implementation as an iterative process; and the selection of implementation strategies.

## FIRST YEAR ELECTIVES

**URP 511 Urban Public Policy-Making Processes** Semester course; 3 hours. 3 credits. A study of the dynamics of conflict resolution in behalf of and within the urban community; the manner in which competing interests are articulated and aggregated in attempts to shape urban public policy, the various levels, and kinds of governmental machinery designed to resolve the conflicts.

**URP 512 Metropolitan and Regional Public Management** Semester course; 3 hours. 3 credit. Examines the relationship between metropolitan growth and the fragmentation of governmental systems; assesses capacity of fragmented governmental systems to formulate rational public policy in relation to forces impeding or facilitating political integration of a metropolitan area; evaluates mechanism designed to governmental fragmentation.

**URP 515 Air Photo and Remote Sensor Interpretation** Semester course; 1 lecture and 2 laboratory hours. 2 credits. Collection of data from aerial photography and other remotely sensed materials. Deals with introductory photogrammetry, object recognition, stereograms, area measurement, and mapping from aerial photos in the planning process.

**URP 522 Programming and Budgeting** Semester course; 3 hours. 3 credits. An examination of the manner in which governments determine program priorities and allocate public resources to carry out these programs. Special consideration is made of the need to establish long-term planning policies so that orderly funding can be realized.

**URP 526 Urban Poverty Law** Semester course; 3 hours. 3 credits. Examines and evaluates developing case law and selected legislation in areas of special concern to low and moderate income groups: legal services, public welfare law, labor law, housing law, family law, consumer law, and criminal procedure.

**URP 571 Introduction to the Study of the Future** Semester course; 3 hours. 3 credits. Considers the perspectives, assumptions, and forecasts of futurists and the methods and tools of future research; examines those forces which are presently shaping the future environment and addresses issues of paramount importance in the '70's and '80's.

**URP 633 Urbanization and Land Use Policy** Semester course; 3 hours. 3 credits. Interregional differences in urbanization and the resulting hierarchy (size-mix) of cities. Implications for land use policy with respect to agriculture, suburban development, low income housing, environmental issues, etc. Alternative policies such as zoning, land banking, controlled growth, and taxation.

**URP 641 Social Change and Community Planning** Semester course; 3 hours. 3 credits. Analyzes social change and community dynamics as related to social goal setting in urban and regional planning. Deals with urban and metropolitan areas as a system of interacting social groups: techniques of establishing interrelationships between social goals and other planning elements emphasized.

**URP 652 Planning, Administration, and the Legal Process** Semester course; 3 hours. 3 credits. Major emphases are administrative law, legislation, and substantive environmental law. Judicial review of administrative actions; notice, hearing, investigative requirements; the planner and administrator as expert witnesses; legislative language; drafting of legislation; legislative process; NEPA: air, water, and water-lands; solid waste; herbicides and pesticides; noise; and critical man-made areas are investigated.

### INTERNSHIP REQUIRED

**URP 701 Planning Internship** Summer; 6 hours.

### SECOND YEAR REQUIRED COURSES

**URP 791-792 Planning Studio** Year course; 6 studio hours. 6 credits. Individual student projects intended to give the student experience in applying theory and methodology gained from the second year course offerings to solve selected planning problems.

### SECOND YEAR ELECTIVES

**URP 682 An Economic Approach to Environmental Issues** Semester course; 3 hours. 3 credits. The effect of externalities in terms of efficiency and equity considerations. The role and problems of benefit cost analysis in decision making. The interrelationship of air, water, and land quality issues is analyzed. The use rate of natural resources, energy consumption, and the steady state economy and their impacts are evaluated.

**URP 721, 722 Recreation Systems Planning I, II** Semester courses; 3 hours. 3 credits. First semester: an examination of the demand for recreation; recreation as an integral part of urban and regional planning. Second semester: general principles of planning and development of basic recreation areas and facilities; standards relative to size, location, and programs; trends in recreation facility development.

**URP 731 Economic Development Planning** Semester course; 3 hours. 3 credits. Examines current theories of economic development as they relate to low income groups, political jurisdictions, and metropolitan-wide economic systems. Emphasis on the structuring of economic development strategies for metropolitan areas that encourage the imbalance between high growth peripheral areas and the inner city area of decline.

**URP 732 Metropolitan Circulation Systems** Semester course; 3 hours. 3 credits. Examination of urban activity systems and their requirements for mobility. Explores the impact of technological change in communication and transportation modes on access and circulation patterns.

**URP 741, 742 Environmental Management Planning** Semester courses; 3 hours. 3 credits. Defines the impact of urban activities on the natural environment within a metropolitan context and stresses dependency relationships between man-made and natural environments. Applies resources and management concepts to the use of land, air, and water.

**URP 745 Dynamics and Issues in Housing** Semester course; 3 hours. 3 credits. Examines and evaluates current problems in urban housing within the dynamics of metropolitan development.

**URP 746 Housing Development Planning** Semester course; 3 hours. 3 credits. Housing planning as a distinct subfield of urban planning, emphasizing means of linking planning concepts with implementation. The means of articulating housing policies at the state, regional, and local levels are analyzed.

**URP 782 New Towns Planning** Semester course; 3 hours. 3 credits. Extensive evaluation of new towns and planned unit development (PUD) concepts and experiences; changes in communication and transportation technology, changes in employment requirements as they will affect future life styles; and anticipated shifts in locational requirements or urban functions. (Not offered every year, consult the class schedule.)

**URP 797 Directed Research** 1-3 credits. (May be repeated for a total of six credits.) Prerequisites: consent of instructor and graduate standing. Independent research into planning problems, issues, and theories.

**URP 798 Thesis or Projects** 2-6 credits. Prerequisites: consent of instructor and appropriate research methods course. Planning, preparation, completion, and presentation of a thesis or project.

## ELECTIVES IN OTHER PROGRAMS

### DEPARTMENT OF ADMINISTRATION OF JUSTICE AND PUBLIC SAFETY

**URP 612 Public Safety: Policy Issues in the Administration of Justice** Semester course; 3 hours. 3 credits. Examines critical public policy issues relating to the administration of justice in terms of society's interests. Emphasizes policy and planning implications of interagency relationships, the impact of social change in the criminal justice process, and community involvement on the control and prevention of crime in an urbanized society. Special attention is directed to the distribution of crime and disturbance, the development of public safety indicators, and the alternative for governmental response.

**URP 655 Public Safety: Planning and Politics of Community Based Corrections** Semester course; 3 hours. 3 credits. Examines the process of planning community-based correctional programs. Administrative problems relating to budgeting, staffing, and managerial policy making are considered. Political considerations in seeking to introduce innovative correctional programs involving the community and criminal justice agencies are reviewed as part of the planning process.

### DEPARTMENT OF REHABILITATION COUNSELING

**RCO 525 Introduction to Rehabilitation** 3 credits. This course is designed to give the student a comprehensive overview of the rehabilitation process. It emphasizes the historical, philosophical, social, and legal aspects of rehabilitation. Special attention is devoted to the professional aspects of rehabilitation counseling. The need for rehabilitation counseling and the skills and functions of the rehabilitation counselor are also covered.

**RCO 607 Community Resources** 3 credits. This course emphasizes the means by which the community uses its resources and services to meet the needs of handicapped persons. It provides for study and discussion of the nature and organization of community resources as they relate to rehabilitation; availability of community resources through public and private agencies and facilities including employment potentials, problems in the development and utilization of community resources, observational visits to key agencies, and lectures by representatives of various rehabilitation programs.

### SCHOOL OF SOCIAL WORK

**SLW 540 Social Policy and Aging** 2 credits. Course open to senior social work majors and graduate social work students. An examination of the legislative and judicial processes related to the aged and their problems. Evaluates the need for local, state, and national policies on aging.

## GRADUATE PROGRAM IN PUBLIC ADMINISTRATION

**PAD 605 Economics of the Public Sector** Semester course; 3 hours. 3 credits. Economic theory of the public sector with varied applications including cost benefit analysis, pricing, and financing of public services. Examines the nature of public goods and services ranging from client-oriented services to capital investment. Also examines the relationship between the public and private sectors in economic development.

## SCHOOL OF BUSINESS

**ECO 532 Manpower Economics** Semester course; 3 hours. 3 credits. Considers supply features of the labor market. Emphasis upon evaluating existing federal manpower programs and the effectiveness of manpower and training strategies designed to increase employment.

**ECO 611 Concepts in Economics** Semester course; 3 hours. 3 credits. Essential economic concepts including the price system, price determination in imperfectly competitive markets, employment theory, and monetary theory. Not open to students who have completed ECO 201, 202, or the equivalent.

**ECO 616 Advanced Public Finance** Semester course; 3 hours. 3 credits. Prerequisite: ECO 306 or equivalent or permission of instructor. Theory and application of public finance, including taxation, expenditures, budgeting. Special attention to cost benefit analysis and to intergovernmental relations in a federal system.

**BUS 627 Urban Land Development** Semester course; 3 hours. 3 credits. Prerequisite: permission of instructor. A study of contemporary issues and practices in the development, financing, management, and marketing of urban real estate resources.

## DEPARTMENT OF HOSPITAL AND HEALTH ADMINISTRATION

**HHA 602 Community Health Organization and Administration** Semester course; 3 hours. 3 credits. This course is a foundation course for all health and hospital administration graduate students. The course deals with the social and political foundations of the current health scene and provides for a critical look at the determinants of health, illness and disease as well as the various ways health services are delivered. Special emphasis is placed on major components and changing characteristics.

**HHA 604 Health Economics** Semester course; 2 credits. Develops an understanding of: (1) economics as a managerial tool in making choices or decisions that will provide for an optimum allocation of limited health care resources and, (2) economics as a way of thinking about and approaching issues of public policy in financing and organizing health and medical services. Individual research on crucial or controversial economic issues in the health field.

**HHA 614 Health and Hospital Planning** Semester course; 3 hours. 3 credits. Examines the planning process in the context of both the community and the institution. Considers the essential components of planning and the development of a sound structure for planning. Examines the legal, regulatory, economic, and human factors that influence the planning process.

**HHA 616 Seminar in Applied Health Planning** Semester course; 3 hours. 3 credits. Provides students with opportunities to apply planning methodology, including problem definition, research design, information gathering, and evaluation, to actual health issues and problems.



**HHA 662 Health Care and the Political Process** Semester course; 2 hours, 2 credits.  
Examines the political process with particular emphasis on the impact of politics on health care. Focuses on current political issues in the health field, examining conflicts and anticipating effects on the health system.

#### ELECTIVE IN OTHER PROGRAMS

**ECO 662 Concepts in Economics** Semester course; 3 hours, 3 credits. Essential economic concepts including the price system, price determination in industry, competitive market, employment theory, and monetary theory. Not open to students who have completed ECO 661 or the equivalent.

**ECO 663 Advanced Public Finance** Semester course; 3 hours, 3 credits. Prerequisite: ECO 662. Examination of government of instructor. Theory and application of public finance. Emphasis on expenditure, budgeting, special attention to cost-benefit analysis and to governmental relations in a federal system.

**ECO 664 Urban Land Development** Semester course; 3 hours, 3 credits. Prerequisite: ECO 662. A study of contemporary issues and practices in development, land use management, and marketing of urban real estate resources.

#### DEPARTMENT OF HOSPITAL AND HEALTH ADMINISTRATION

**HHA 660 Community Health Organization and Administration** Semester course; 3 hours, 3 credits. This course is a foundation course for all health and hospital administration students. The course deals with the social and political foundations of the health system, the role of the physician, the relationship between the health system and the community, and the various ways health services are delivered. Special emphasis is placed on the role of the health system in the community.

**HHA 661 Health Economics** Semester course; 3 credits. Develop an understanding of: (1) economics as a management tool in making choices or decisions that will provide for an optimum allocation of limited health care resources and (2) economics as a way of analyzing, appraising, and evaluating issues of public policy in financing and organizing health care delivery. Includes a study of current health economic issues in the health care industry and ways to enhance the health care system.

**HHA 662 Health and Hospital Planning** Semester course; 3 hours, 3 credits. Examines the planning process in the context of the community and the individual. Considers the planning component of a health system and the development of a sound structure for planning. Examines the legal, regulatory, economic, and human factors that influence the planning process.

**HHA 663 Health Planning** Semester course; 3 hours, 3 credits. Provides students with opportunities to apply planning methodology, including problem definition, research design, information gathering, and evaluation, to actual health issues and problems.

## BOARD OF VISITORS, ADMINISTRATION, AND FACULTY

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AMES, DAVID L.	Associate Dean of the School of Community Services, Associate Professor Ph.D., (Urban Geography), Clark University. Urban and regional planning, environmental planning, housing, historical urban geography.

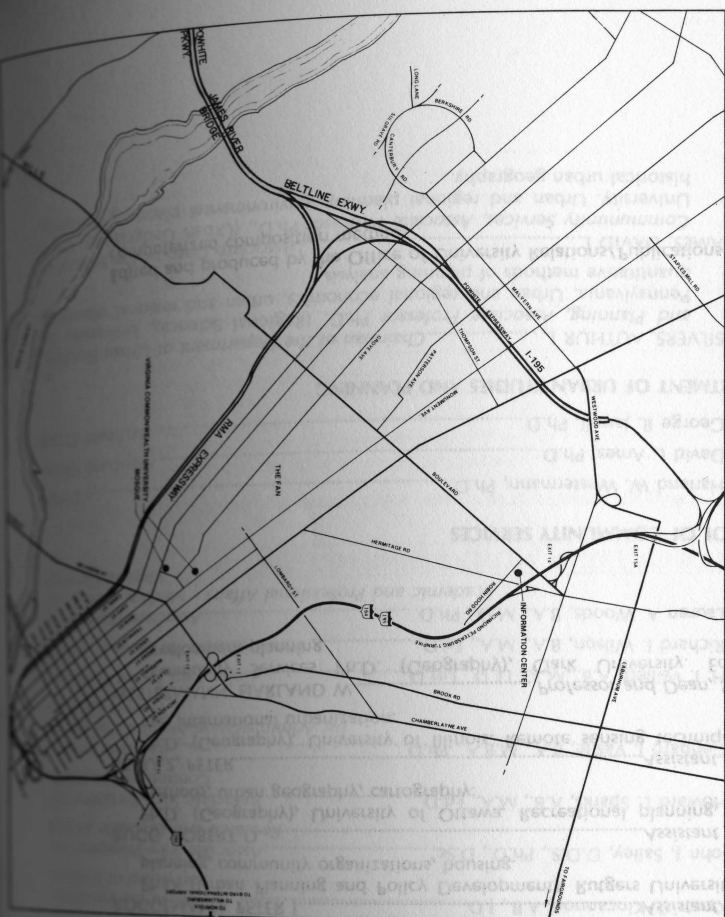
- CHRISTENSEN, CAROL A. .... *Assistant Professor*  
Ph.D. candidate (American Studies). University of Minnesota. New towns,  
urban history, alternative future studies.
- GORANFLO, BRENDA ..... *Assistant Professor*  
M.A. (Urban Studies), J.D. (Law), St. Louis University. Legal and legislative  
aspects of planning, urban law, housing.
- GULAK, MORTON B. .... *Assistant Professor*  
Ph.D. candidate (Urban and Regional Planning). University of Pennsylvania.  
Urban design, environmental management, recreation planning.
- HORMACHEA, CARROLL R. .... *Associate Professor*  
M.S. (Sociology), Trinity University. Corrections, demography.
- LEWIS, ROBERT A. .... *Assistant Professor*  
Ph.D. (Urban and Regional Planning) Cornell University. Urban and regional  
economics, research methods, Latin American urbanization.
- MOESER, JOHN V. .... *Assistant Professor*  
Ph.D. (Political Science), George Washington University. Urban politics.
- ROGGEMANN, PETER J. .... *Assistant Professor*  
Ph.D. (Urban Planning and Policy Development), Rutgers University. Social  
planning, community organizations, housing.
- RUGG, ROBERT D. .... *Assistant Professor*  
Ph.D. (Geography), University of Ottawa. Recreational planning, research  
methods, urban geography, cartography.
- SCHULZ, PETER ..... *Assistant Professor*  
Ph.D. (Geography), University of Illinois. Remote sensing techniques, land  
use, international urbanization.
- WESTERMANN, HARLAND W. .... *Professor and Dean, School of  
Community Services* Ph.D. (Geography), Clark University. Economic  
development planning.

## DIRECTIONS TO THE ACADEMIC CAMPUS OF VCU

The Academic Campus is bounded by Broad, Harrison, Main, and Belvidere Streets in the 700 to 900 blocks immediately west of downtown Richmond. VCU's Medical College of Virginia Campus is centered around

12th and Broad Streets in downtown Richmond just east of the Richmond Coliseum.

Airlines serving Richmond at Byrd International Airport are United, Eastern, and Piedmont. Transportation time from the airport to the Academic Campus is approximately 30 minutes. Automobile rental, limousine, and cab service



are available at the airport. Greyhound and Trailways Bus Lines also service the area, and train service is available on the C & O, R F & P, and Seaboard Coastline Railroads. Driving to the Academic Campus from the north on Interstate 95, take Exit 15A to Interstate 64 West (Chamberlayne and 195-S) and then, taking the left ramp lane and left toll booth (10c toll), exit left immediately beyond toll booth onto 195-S (Powhite Parkway). If you are traveling east on Interstate 64, take the exit from the extreme right-hand lane to 195-S (Powhite Parkway). This is the last exit before entering the toll road.

From 195-S, exit right at the Broad Street-Hamilton Street exit (state routes 33 and 250) which leads directly onto Hamilton Street. Follow Hamilton Street across Broad Street (first traffic light), proceeding four blocks beyond Broad to Monument Avenue. Turn left onto Monument Avenue and follow Monument Avenue across Lombardy Street (approximately 16 blocks east) where it becomes Franklin Street. Within two blocks, you will be on the Academic Campus. This route takes you through Richmond's historical Fan District adjacent to the campus.

Visitors approaching from the north or west may also remain on or take Interstate 95 South and exit immediately after the 25c toll booth at Exit 13. Turn left onto Leigh Street, then right onto Belvidere Street. Follow Belvidere Street five blocks to Grace Street, turn right onto Grace Street, go five more blocks and then turn left onto Ryland Drive one block, turn left, and you will intersect with the 1000 block of Franklin Street.

Driving to the Academic Campus from the south on Interstate 95 or from the east on Interstate 64, take Exit 12 (Chamberlayne South), cross the overpass, turn right at the first traffic light to go west on Leigh Street. Proceed on Leigh Street until you reach Belvidere Street and turn left. Follow Belvidere Street five blocks to Grace Street, turn right onto Grace Street, go five more blocks and then turn left onto Ryland Drive one block, turn left, and you will intersect with the 1000 block of Franklin Street.

If you would like to visit the VCU Campus during your stay, follow Franklin Street eastward to Leigh Street. Turn left on Leigh Street and go five blocks to Belvidere Street. Turn right on Belvidere Street and the VCU Campus and the Medical College of Virginia Campus are just ahead.

28 Franklin Street—Department of Music, 919 West  
Franklin Street

30 and 31 Spencer Hall—domitory, 921-23 West  
Franklin Street

32 Franklin Street

33 North Harrison Street

33 Rhoads Hall—domitory, 710 West Franklin Street

34 A D Williams House—Department of Psychology,  
Crime Center, 800 West Franklin Street

35 Crime House—domitory, 608 West Franklin Street

36 Harrison House—Department of Psychology, 810  
West Franklin Street

38 Franklin Terrace—School of Community Services,  
Art Foundation Program, 812-814 West Franklin Street

39 Department of Administration of Justice and Pub-  
lic Safety, 816 West Franklin Street

40 Department of Sociology and Anthropology, 820  
West Franklin Street

41 Barron House—Department of Philosophy and  
Religious Studies, 826 West Franklin Street.

Offices of University Relations and Development,  
828 West Franklin Street

42 Allison House—Office of the President, 910  
West Franklin Street

43 West Franklin Street

44 Campus Security—918 West Franklin Street

45 Offices of Admissions and Auxiliary Enterprises  
and University Services, 920 West Franklin Street

46 Sculpture Studio

47 Department of Art History, 922 West Franklin Street

48 Meredith Hall—domitory, 1014 West Franklin Street

49 Sculpture Studio, 1617 Mountburn Avenue

51 Lafayette Hall—domitory, 212 North Staler Street

52 Physical Plant—Warehousing and Shops, 6 South Louden  
Street

54 School of Business Building, 1015 Floyd Avenue

55 Holiday Inn—Office of Continuing Education,  
Office of Research and Graduate Studies, 301  
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